



Career Plan of Study

Learner Name _____

Date _____

Learner Signature _____

Advisor Signature _____

Parent/Guardian Signature (if required) _____

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

High School	9 th Grade	10 th Grade	11 th Grade	12 th Grade
	English I	English II	English III	English IV
	Algebra I or Geometry	Geometry or Algebra II	Algebra II, Pre-Calculus, or Trigonometry	Trigonometry or Calculus
	Physical Science or Biology I	Biology I or Chemistry I	Chemistry or Physics	AP Biology, AP Chemistry, or AP Physics
	Geography/State History	World History	American History	Economics/Government
	Required Courses/Electives PE, Health, Art, Foreign Language, or Computer Technology Career Electives TechConnect Manufacturing TechConnect STEM Technology Education Agriscience I	Required Courses/Electives PE, Health, Art, Foreign Language, or Computer Technology Career Electives TechConnect Manufacturing TechConnect STEM Technology Education Agriscience II *PLTW Courses	Additional High School Electives Agriculture Power & Technology Principles of Ag Technology Drafting and Design *PLTW Courses	Technology Center Electives Drafting and CAD CNC (Computer Numerical Control) Electronics Industrial Maintenance Precision Machining
Post-Secondary	Technology Center		Community College	College/University
	<input type="checkbox"/> Automated Manufacturing Technology <input type="checkbox"/> Drafting and CAD <input type="checkbox"/> Electronics <input type="checkbox"/> Industrial Maintenance <input type="checkbox"/> Manufacturing Engineering Technology <input type="checkbox"/> Precision Machining <input type="checkbox"/> Pre-Engineering Academy For more information, visit <Insert an appropriate national/state Web site>		<input type="checkbox"/> Design Engineering Technology <input type="checkbox"/> Pre-Engineering <input type="checkbox"/> Industrial Drafting <input type="checkbox"/> Biology <input type="checkbox"/> Chemistry <input type="checkbox"/> Physics <input type="checkbox"/> Mathematics For more information, visit <Insert an appropriate national/state Web site>	<input type="checkbox"/> Mechanical Engineering <input type="checkbox"/> Civil Engineering <input type="checkbox"/> Mathematics <input type="checkbox"/> Biology <input type="checkbox"/> Biochemistry <input type="checkbox"/> Chemistry <input type="checkbox"/> Physics <input type="checkbox"/> Management Science and Systems Analysis For more information, visit <Insert an appropriate national/state Web site>
Career Enhancement Options	Work-Based Learning Options		Short-Term Training Options	
	Job-Shadowing: Internship/Mentorship: On-The-Job Training:		<input type="checkbox"/> Safety Training <input type="checkbox"/> Visual Basic 6 <input type="checkbox"/> VB Net <input type="checkbox"/> Wireless Technology <input type="checkbox"/> Internet & Network Security <input type="checkbox"/> AutoCAD	

*These electives are part of the Project Lead The Way (PLTW) curriculum that includes the following four courses: Introduction to Engineering, Computer Integrated Manufacturing, Principles of Engineering, and Engineering Design & Development. These can be taken at the high school or selected technology centers. More information is available at www.pltw.org